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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/620,669		
		Filing Date	7/16/2003		
		First Named Inventor	HANLEY		
		Art Unit			
		Examiner Name			
Sheet	1	of	4	Attorney Docket Number	LSBC-HANLEY-0195

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS						
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DK		Altschul, et al., "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs" (1997) <i>Nucl. Acids Res.</i> , 25(17):3389-402	
DK		Barr, "Mammalian subtilisins: the long-sought dibasic processing endoproteases" (1991) <i>Cell</i> , 66(1):1-3	
DK		Barrett and Kirschke, "Cathepsin B, Cathepsin H, and cathepsin L." (1981) <i>Methods Enzymol.</i> , 80(Pt C):535-61	
DK		Batchelor, et al., "The seed coat-specific expression of a subtilisin-like gene, SCS1, from soybean" (2000) <i>Planta</i> , 211(4):484-92	
DK		Berger and Altmann, "A subtilisin-like serine protease involved in the regulation of stomatal density and distribution in <i>Arabidopsis thaliana</i> " (2000) <i>Genes & Development</i> , 14(9):1119-1131	

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DK		Del Mar, et al., "Substrate specificity of human pancreatic elastase 2" (1980) <i>Biochem.</i> , 19(3):468-72		
DK		Del Mar, et al., "A sensitive new substrate for chymotrypsin" (1979) <i>Anal. Biochem.</i> , 99(2):316-20		
DK		Erlanger, Kokowsky, and Cohen, "The preparation and properties of two new chromogenic substrates of trypsin" (1961) <i>Arch. Biochem. Biophys.</i> , 95:271-278		
DK		Gensberg, Jan, and Matthews, "Subtilisin-related serine proteases in the mammalian constitutive secretory pathway" (1998) <i>Semin. Cell Dev. Biol.</i> , 9(1):11-7		
DK		Jorda, et al., "A genomic cluster containing four differentially regulated subtilisin-like processing protease genes is in tomato plants" (1999) <i>J. Biol. Chem.</i> , 274(4):2360-5		
DK		Jorda, Conejero, and Vera, "Characterization of P69E and P69F, two differentially regulated genes encoding new members of the subtilisin-like proteinase family from tomato plants" (2000) <i>Plant Physiology</i> , 122(1):67-73		
DK		Kaneda, Yonezawa, and Uchikoba, "Improved isolation, stability and substrate specificity of cucumisin, a plant serine endopeptidase" (1995) <i>Biotech. Appl. Biochem.</i> , 22(Pt 2):215-22		
DK		Kumagai, et al., "Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA" (1995) <i>Proc. Natl. Acad. Sci. USA</i> , 92(5):1679-1683		
DK		Largman, et al., "Inhibition of human pancreatic elastase 2 by peptide chloromethyl ketones" (1980) <i>Biochim. Biophys. Acta</i> , 614(1):113-20		
DK		Meichtry, Amrhein, and Schaller, "Characterization of the subtilase gene family in tomato (<i>Lycopersicon esculentum</i> Mill.)" (1999) <i>Plant Mol. Biol.</i> , 39(4):749-60		

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DK		Nakajima, et al., "Mapping the extended substrate binding site of cathepsin G and human leukocyte elastase. Studies with peptide substrates related to the alpha 1-protease inhibitor reactive site" (1979) <i>J. Biol. Chem.</i> , 254(10):4027-32		
DK		Neurath, "Evolution of proteolytic enzymes" (1984) <i>Science</i> , 224(4647):350-7		
DK		Plunkett, et al., "Proteinase inhibitors I and II from leaves of wounded tomato plants: purification and properties" (1982) <i>Arch. Biochem. Biophys.</i> , 213(2):463-72		
DK		Ratcliff, Martin-Hernandez, and Baulcombe, "Tobacco rattle virus as a vector for analysis of gene function by silencing" (2001) <i>Plant J.</i> , 25(2):237-245		
DK		Ribeiro, et al., "A nodule-specific gene encoding a subtilisin-like protease is expressed in early stages of actinorhizal nodule development" (1995) <i>Plant Cell</i> , 7(6):785-94		
DK		Rudenskaya, et al., "Taraxalisin -- a serine proteinase from dandelion <i>Taraxacum officinale</i> Webb s.l" (1998) <i>FEBS Lett.</i> , 437(3):237-40		
DK		Rudenskaya, et al., "Macluralisin--a serine proteinase from fruits of <i>Maclura pomifera</i> (Raf.) Schneid." (1995) <i>Planta</i> , 196(1):174-9		
DK		Siezen and Leunissen, "Subtilases: the superfamily of subtilisin-like serine proteases" (1997) <i>Protein Sci.</i> , 6(3):501-23		
DK		Steiner, et al., "The new enzymology of precursor processing endoproteases" (1992) <i>J. Biol. Chem.</i> , 267(33):23435-8		
DK		Tanaka, et al., "A subtilisin-like serine protease is required for epidermal surface formation in <i>Arabidopsis</i> embryos and juvenile plants" (2001) <i>Development</i> , 128(23):4681-4689		
DK		Taylor, et al., "Maturation and secretion of a serine proteinase is associated with events of late microsporogenesis" (1997) <i>Plant J.</i> , 12(6):1261-71		

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DK		Tornero, Conejero, and Vera, "Primary structure and expression of a pathogen-induced protease (PR- P69) in tomato plants: Similarity of functional domains to subtilisin- like endoproteases" (1996) <i>Proc. Natl. Acad. Sci. USA</i> , 93(13):6332-7	
DK		Tornero, Conejero, and Vera, "Identification of a new pathogen-induced member of the subtilisin-like processing protease family from plants" (1997) <i>J. Biol. Chem.</i> , 272(22):14412-9	
DK		Twining, "Fluorescein isothiocyanate-labeled casein assay for proteolytic enzymes" (1984) <i>Anal. Biochem.</i> , 143(1):30-4	
DK		Uchikoba, Yonezawa, and Kaneda, "Cleavage specificity of cucumisin, a plant serine protease" (1995) <i>J. Biochem. (Tokyo)</i> , 117(5):1126-30	
DK		Umezawa, "Structures and activities of protease inhibitors of microbial origin" (1976) <i>Methods Enzymol.</i> , 45:678-95	
DK		Yamagata, et al., "Cucumisin, a serine protease from melon fruits, shares structural homology with subtilisin and is generated from a large precursor" (1994) <i>J. Biol. Chem.</i> , 269(52):32725-31	
DK		Yamagata, et al., "Molecular cloning and characterization of a cDNA and a gene for subtilisin-like serine proteases from rice (<i>Oryza sativa</i> L.) and <i>Arabidopsis thaliana</i> " (2000) <i>Biosci. Biotech. and Biochem.</i> , 64(9):1947-1957	

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